

In the Claims

50. (currently amended) A method of binding an antibody to a PG1 polypeptide, comprising the steps of contacting an isolated antibody with a sample containing PG1 polypeptides under conditions which allow said antibody to bind said polypeptides, wherein said PG1 polypeptides comprise ~~at least 8 amino acids of SEQ ID NOs: SEQ ID NO: 4, 5 or 70, and wherein~~ said antibody specifically binds to ~~a contiguous span of at least 8 amino acids of SEQ ID NOs: SEQ ID NO: 4, 5 or 70.~~

51. (previously presented) The method according to claim 50, wherein said method is used to quantitate said polypeptides by ELISA.

52. (previously presented) The method according to claim 50, wherein said method is used to quantitate said polypeptides by RIA.

53. (original) The method according to claim 50, wherein said contacting occurs on an affinity column.

54. (previously presented) The method according to claim 50, wherein said sample is a biological sample.

55. (previously presented) The method according to claim 50, wherein said isolated antibody is monoclonal.

56. (previously presented) The method according to claim 50, wherein said isolated antibody is polyclonal.

57. (previously presented) The method according to claim 50, wherein said isolated antibody comprises at least one binding domain.

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58. (original) The method according to claim 57, wherein said binding domain is Fab.

59. (original) The method according to claim 57, wherein said binding domain is Fab'.

60. (original) The method according to claim 57, wherein said binding domain is F(ab)₂.

61. (original) The method according to claim 57, wherein said binding domain is F(ab')₂.

62. (previously presented) The method according to claim 50, wherein said polypeptides are detected by Western blot.

63. (previously presented) The method according to claim 50, wherein said method is used to quantitate isoforms of said polypeptides by ELISA.

64. (previously presented) The method according to claim 50, wherein said method is used to quantitate isoforms of said polypeptides by RIA.

65. (previously presented) The method according to claim 50, wherein isoforms of said polypeptides are detected by Western blot.

66. (new) The method according to claim 50, wherein isoforms of said method localizes said polypeptides within a cell or identifies the location of a polypeptide within a cell.